

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 22, 2004, 16:46:52 ; Search time 144 Seconds
(without alignments)

63,940 Million cell updates/sec

Title: US-10-783-095-10
Perfect score: 131
Sequence: 1 GGGPAGSLQPLALEGSLQKXGIVEQ 26

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications_MA:*

- 1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/1/pubppaa/PCF_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep:*
- 5: /cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep:*
- 6: /cgn2_6/ptodata/1/pubppaa/PCFUS_PUBCOMB.pep:*
- 7: /cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep:*
- 8: /cgn2_6/ptodata/1/pubppaa/US08_PUBCOMB.pep:*
- 9: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep:*
- 10: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep:*
- 11: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/1/pubppaa/US09_NEW_PUB.pep:*
- 13: /cgn2_6/ptodata/1/pubppaa/US10_PUBCOMB.pep:*
- 14: /cgn2_6/ptodata/1/pubppaa/US10_PUBCOMB.pep:*
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- 19: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep:*
- 20: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	131	100.0	54	9	US-09-815-229-13
2	131	100.0	54	6	US-10-740-098-13
3	131	100.0	86	9	US-09-878-380-1
4	131	100.0	86	10	US-09-858-935B-4
5	131	100.0	86	13	US-10-028-410-2
6	131	100.0	86	14	US-10-054-873-4
7	131	100.0	86	14	US-10-444-325-2
8	131	100.0	86	14	US-10-271-869-4
9	131	100.0	86	15	US-10-444-252-2
10	131	100.0	86	15	US-10-444-648-2
11	131	100.0	86	15	US-10-444-701-2
12	131	100.0	96	9	US-09-947-563-4
13	131	100.0	96	9	US-09-947-563-5

14	131	100.0	110	9	US-09-205-658-125	Sequence 125, App1
15	131	100.0	110	9	US-09-815-229-3	Sequence 3, App1
16	131	100.0	110	9	US-09-804-409A-9	Sequence 9, App1
17	131	100.0	110	10	US-09-869-748C-6	Sequence 6, App1
18	131	100.0	110	10	US-09-963-693-125	Sequence 125, App1
19	131	100.0	110	14	US-10-038-686-1	Sequence 2, App1
20	131	100.0	110	14	US-10-328-813-2	Sequence 2, App1
21	131	100.0	110	14	US-10-383-285-2	Sequence 2, App1
22	131	100.0	110	14	US-10-346-563-2	Sequence 2, App1
23	131	100.0	110	15	US-10-321-717-2	Sequence 2, App1
24	131	100.0	110	15	US-10-411-037-44	Sequence 44, App1
25	131	100.0	110	15	US-10-411-026-44	Sequence 44, App1
26	131	100.0	110	15	US-10-411-062-44	Sequence 44, App1
27	131	100.0	110	15	US-10-411-049-44	Sequence 44, App1
28	131	100.0	110	15	US-10-700-725-20	Sequence 20, App1
29	131	100.0	110	16	US-10-410-930-44	Sequence 44, App1
30	131	100.0	110	16	US-10-410-997-44	Sequence 44, App1
31	131	100.0	110	16	US-10-411-012-44	Sequence 44, App1
32	131	100.0	110	16	US-10-287-994-44	Sequence 44, App1
33	131	100.0	110	16	US-10-740-098-3	Sequence 44, App1
34	131	100.0	110	16	US-10-410-913-44	Sequence 44, App1
35	131	100.0	117	9	US-09-280-030-63	Sequence 63, App1
36	131	100.0	130	9	US-10-425-115-37310	Sequence 62, App1
37	128	97.7	100	17	US-10-419-539-5	Sequence 337310, App1
38	125	95.4	110	16	US-10-419-539-5	Sequence 5, App1
39	125	95.4	124	15	US-10-221-677-24	Sequence 24, App1
40	107	81.7	33	17	US-10-641-834-24	Sequence 24, App1
41	107	81.7	35	9	US-09-815-229-4	Sequence 4, App1
42	107	81.7	35	9	US-09-947-563-3	Sequence 3, App1
43	107	81.7	35	16	US-10-740-098-4	Sequence 4, App1
44	100	76.3	33	9	US-09-815-229-9	Sequence 9, App1
45	100	76.3	33	16	US-10-740-098-9	Sequence 9, App1

ALIGNMENTS

RESULT 1
US-09-815-229-13
Sequence 13, Application US/09815229
Patent No. US20020058614A1
GENERAL INFORMATION:
APPLICANT: Filvaroff, Ellen H.
INVENTOR: Okuma, Franklin W.
TITLE OF INVENTION: USE OF INSULIN FOR THE TREATMENT OF CARTILAGINOUS DISORDERS
FILE REFERENCE: P1766RUS
CURRENT APPLICATION NUMBER: US/09/815,229
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 60/192,103
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 13
LENGTH: 54
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Portion of insulin variant from EP 171,147.
US-09-815-229-13

Query Match 100.0%; Score 131; DB 9; Length 54;
Best Local Similarity 100.0%; Pred. No. 1.2e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGPAGSLQPLALEGSLQKXGIVEQ 26
DB 13 GGGPAGSLQPLALEGSLQKXGIVEQ 38

RESULT 2
US-10-740-098-13
Sequence 13, Application US/10740098
Patent No. US20040138101A1
GENERAL INFORMATION:

APPLICANT: Filvaroff, Ellen H.
APPLICANT: Okumura, Franklin W.
TITLE OF INVENTION: USE OF INSULIN FOR THE TREATMENT OF CARTILAGEOUS DISORDERS
FILE REFERENCE: P178681US
CURRENT APPLICATION NUMBER: US/10/740,098
CURRENT FILING DATE: 2003-12-17
PRIOR APPLICATION NUMBER: US/09/815,229
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 60/192,103
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 13
LENGTH: 54
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Portion of insulin variant from EP 171,147.
US-10-740-098-13

Query Match 100.0%; Score 131; DB 16; Length 54;
Best Local Similarity 100.0%; Pred. No. 1,9e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 13 GGGPGAGSLQPLALEGSLQKRGIVEQ 38

RESULT 3
US-09-878-380-1
Sequence 1, Application US/09878380
Patent No. US20020160435A1
GENERAL INFORMATION:
APPLICANT: Fujirebio Inc.
APPLICANT: KITAJIMA, Sachiko
APPLICANT: KURANO, Yoshinori
APPLICANT: NAKATSUBO, Kaoru
APPLICANT: NISHIZONO, Isao
TITLE OF INVENTION: Immunoassay For Measuring Human C-Peptide and Kit Therefor
FILE REFERENCE: 0760-0291P
CURRENT APPLICATION NUMBER: US/09/878,380
CURRENT FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: JP 2000-174691
PRIOR FILING DATE: 2000-06-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-09-878-380-1

Query Match 100.0%; Score 131; DB 9; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

RESULT 4
US-09-858-935B-4
Sequence 4, Application US/09858935B
GENERAL INFORMATION:
APPLICANT: Dubaquié, Yves
APPLICANT: Filvaroff, Ellen
APPLICANT: Lowman, Henry B.
TITLE OF INVENTION: METHOD FOR TREATING CARTILAGE DISORDERS
FILE REFERENCE: P179481
CURRENT APPLICATION NUMBER: US/09/858,935B
CURRENT FILING DATE: 2002-07-02

PRIOR APPLICATION NUMBER: US 60/248,985
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: US 60/204,490
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 4
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-09-858-935B-4

Query Match 100.0%; Score 131; DB 10; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

RESULT 5
US-10-028-410-2
Sequence 2, Application US/10028410
Publication No. US20020160955A1
GENERAL INFORMATION:
APPLICANT: Dubaquié, Yves
APPLICANT: Lowman, Henry
TITLE OF INVENTION: PROTEIN VARIANTS
FILE REFERENCE: P171281-1
CURRENT APPLICATION NUMBER: US/10/028,410
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: US/09/477,924
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 6
SEQ ID NO 2
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-10-028-410-2

Query Match 100.0%; Score 131; DB 13; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

RESULT 6
US-10-054-873-4
Sequence 4, Application US/10054873
Publication No. US20020164712A1
GENERAL INFORMATION:
APPLICANT: Gan, Zhong Ru
TITLE OF INVENTION: Chimeric Protein Containing an Intramolecular Chaperone-Like Sequence
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,873
FILING DATE: 22-Jan-2002